BRUHAT BANGALORE MAHANAGARA PALIKE

PWD FORM - 45 (WORK SLIP)

Name of Work: Improvements to Roads and Drains at Vinayakanagara in Ward No. 11, Vidyaranyapura Sub Division.

Name of Agency: Sri B.B. Umesh, Contractor, # 385/1, near Anjaneya Temple, Bettahaasur (V) & (P), Bangalore - 57.

Estimated Cost: 40,00,000.00

Tender Amount : Rs. 39,59,036.70 Lakhs

Work Order No. BBMP/EE/BTP/WO/40/2016-17 Dated: 26.05.2016.

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2015-16+ T.P	Amount				
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*	*19*	*20*
1	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the	Cum	357.75	75.60	27045.90	357.75	75.60	27045.90	623.92	447.19	75.60	33807.00	176.73	83.16	14697.00	48504.00		21458.10	
2	Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse	Cum	357.75	4847.04	1734028.56	357.75	4847.04	1734028.56	321.88	321.88	4847.04	1560153.00	0.00	0.00	0.00	1560153.00	173875.56		
3	Providing and laying cement concrete using 20mm and down size granite jelly of **ready mixed concrete (RMC)for R.C.C works** laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar,	Cum	238.50	5847.12	1394538.12	238.50	5847.12	1394538.12	231.65	231.65	5847.12	1354485.00	0.00	0.00	0.00	1354485.00	40053.12		
4	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc complete as	Sqm	2385.00	97.20	231822.00	2385.00	97.20	231822.00	1853.20	1853.20	97.20	180131.00	0.00	0.00	0.00	180131.00	51691.00		
5	Providing **groove cutting** for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine, generator and HOM of machinery including cost of blade coolant etc	Rmt	241.00	124.20	29932.20	241.00	124.20	29932.20	166.80	166.80	124.20	20717.00	0.00	0.00	0.00	20717.00	9215.20		
6	Providing and constructing granite / trap / basalt size stone masonry in **superstructure with cement mortar 1:6**, edges of stones chistle dressed in	Cum	46.80	4773.60	223404.48	46.80	4773.60	223404.48	38.59	38.59	4773.60	184223.00	0.00	0.00	0.00	184223.00	39181.48		
7	Providing and laying in position plain cement concrete of **mix 1:2:4 with OPC cement @ 240 kgs with 40mm** and down size graded granite metal coarse aggregares @ 0.878 cum and fine	Cum	6.00	5241.24	31447.44	6.00	5241.24	31447.44	19.57	7.50	5241.24	39309.00	12.07	5490.72	66284.00	105593.00		74145.56	
8	Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @	Cum	20.70	6065.28	125551.30	20.70	6065.28	125551.30	13.87	13.87	6065.28	84119.00	0.00	0.00	0.00	84119.00	41432.30		

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2015-16+ T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
9	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire	Tonne	1.24	78351.84	97156.28	1.24	78351.84	97156.28	1.11	1.11	78351.84	86933.00	0.00	0.00	0.00	86933.00	10223.28		
10	Providing and removing centering, shuttering, strutting, propping etc., and **removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes.**	Sqm	129.50	314.28	40699.26	129.50	314.28	40699.26	206.75	161.88	314.28	50874.00	44.87	329.40	14782.00	65656.00		24956.74	
11	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading etc complete as per specifications and directions of engineer in charge of the	Cum	321.98	72.71	23411.17	321.98	72.71	23411.17	490.00	402.48	72.71	29264.00	87.52	78.97	6912.00	36176.00		12764.83	
	Total															**3726690.00**			
								EIRL											
12	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry	Sqm							227.20				227.20	1018.44	231390.00	231390.00		231390.00	
	Sub Total				3959042.70											**231390.00**			
	Third Party Inspection Charges @ 1%				39590.43														
	Miscelaneous and unforgen charges	LS			1367.00														
	Total				**4000000.00**			**3959036.70**				**3624015.00**			**334065.00**	**3958080.00**	**365671.94**	**364715.23**	

0.02 Below

SUMMARY:

1. **Estimated Cost : Rs. 40.00 Lakhs**
2. **Tender Cost : Rs. 39.59 Lakhs**
3. **EIRL Amount Rs. 2,31,390.00 = 5.84 % of the Tender Amount**
4. **Work Slip Amount Rs. 3,64,715.23 = 9.21 % of the Tender Amount**
5. **During execution as per requirement and site condition, the total Qty to be executed costs Rs. 39.58 Lakhs which is 0.02% BELOW the Tender cost. The proposal may kindly be approved.**

Assistant Engineer
W-11

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer 23/7/16
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division, Bangalore - 92

"Work Slip & EIRL Approved"

27.07.16